

| Application No. | Applicant(s)    |  |  |  |  |  |  |  |
|-----------------|-----------------|--|--|--|--|--|--|--|
| 09/311,952      | MURAYAMA ET AL. |  |  |  |  |  |  |  |
| Examiner        | Art Unit        |  |  |  |  |  |  |  |
|                 |                 |  |  |  |  |  |  |  |
| Hai V. Nauven   | 2142            |  |  |  |  |  |  |  |

|  |         |   |     |          | IS    | SUE C                             | LASSIF  | ICATIO       | N                        |  |                   |  |  |  |  |  |  |
|--|---------|---|-----|----------|-------|-----------------------------------|---------|--------------|--------------------------|--|-------------------|--|--|--|--|--|--|
|  |         |   | ORI | SINAL    |       | CROSS REFERENCE(S)                |         |              |                          |  |                   |  |  |  |  |  |  |
| CLASS SUBCLASS                                     |         |   |     | SUBCLASS | CLASS | SUBCLASS (ONE:SUBCLASS PER BLOCK) |         |              |                          |  |                   |  |  |  |  |  |  |
|  | 709 216 |   | 709 | 203      | 215   | 217                               | 222     | 229          |                          |  |                   |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION                       |         |   |     |          | 710   | 29                                | 113     | 240          | 305                      |  |                   |  |  |  |  |  |  |
| G  | 0       | 6 | F   | 15/167   | 711   | 152                               |         |              |                          |  |                   |  |  |  |  |  |  |
|  |         |   |     | 1        | 713   | 1                                 | 200     |              |                          |  |                   |  |  |  |  |  |  |
|  |         |   |     | 1        | 714   | 7                                 |         |              |                          |  |                   |  |  |  |  |  |  |
|  |         |   |     | 1        |       |                                   |         |              |                          |  |                   |  |  |  |  |  |  |
|  |         |   |     | 1        |       |                                   | 7       |              |                          |  |                   |  |  |  |  |  |  |
| Hai V. Nguyen リンプンイン(Assistant Examiner) (Date) サン |         |   |     |          |       | }                                 | Jack    | A.<br>Harvey | Total Claims Allowed: 20 |  |                   |  |  |  |  |  |  |
| (Legal Instruments Examiner) (Date)                |         |   |     |          |       | <i>(</i> /5 (Pri                  | Jack B. |              | O.G<br>Print Claim(s)    |  | O.G<br>Print Fig. |  |  |  |  |  |  |

|   |          |  |       |          |  |       |          |          |       | T        |        |       | T        |        |       |          |  |       |          |
|---|----------|--|-------|----------|--|-------|----------|----------|-------|----------|--------|-------|----------|--------|-------|----------|--|-------|----------|
| Claims renumbered in the same order as presented by applicant |          |  |       |          |  |       |          | ☐ CPA    |       |          | ☑ T.D. |       |          | R.1.47 |       |          |  |       |          |
| Final   | Original |  | Final | Original |  | Final | Original |          | Final | Original |        | Final | Original |        | Final | Original |  | Final | Original |
|   | 1        |  |       | 31       |  |       | 61       |          | 4     | 91       |        |       | 121      |        |       | 151      |  |       | 181      |
|   | 2        |  |       | 32       |  |       | 62       |          | 5     | 92       |        |       | 122      |        |       | 152      |  |       | 182      |
|   | 3        |  |       | 33       |  |       | 63       |          | 6     | 93       |        |       | 123      |        |       | 153      |  |       | 183      |
|   | 4        |  |       | 34       |  |       | 64       |          | 7     | 94       |        |       | 124      |        |       | 154      |  |       | 184      |
|   | 5        |  |       | 35       |  |       | 65       |          | 8     | 95       |        |       | 125      |        |       | 155      |  |       | 185      |
|   | 6        |  |       | 36       |  |       | 66       |          | 10    | 96       |        |       | 126      |        |       | 156      |  |       | 186      |
|   | 7        |  |       | 37       |  |       | 67       |          | 11    | 97       |        |       | 127      |        |       | 157      |  |       | 187      |
|   | 8        |  |       | 38       |  |       | 68       | _        | 12    | 98       |        |       | 128      |        |       | 158      |  |       | 188      |
|   | 9        |  |       | 39       |  |       | 69       | <u> </u> | 13    | 99       |        |       | 129      |        |       | 159      |  |       | 189      |
|   | 10       |  |       | 40       |  |       | 70       | _        | 15    | 100      |        |       | 130      |        |       | 160      |  |       | 190      |
|   | 11       |  |       | 41       |  |       | 71       |          | 16    | 101      |        |       | 131      |        |       | 161      |  |       | 191      |
| <u></u>   | 12       |  |       | 42       |  |       | 72       | _        | 17    | 102      |        |       | 132      |        |       | 162      |  |       | 192      |
|   | 13       |  |       | 43       |  |       | 73       |          | 18    | 103      |        |       | 133      |        |       | 163      |  |       | 193      |
|   | 14       |  |       | 44       |  |       | 74       |          | 20    | 104      |        |       | 134      |        |       | 164      |  |       | 194      |
|   | 15       |  |       | 45       |  |       | 75       |          | 9     | 105      |        |       | 135      |        |       | 165      |  |       | 195      |
|   | 16       |  |       | 46       |  |       | 76       |          | 14    | 106      |        |       | 136      |        |       | 166      |  |       | 196      |
|   | 17       |  |       | 47       |  |       | 77       | _        | 19    | 107      |        |       | 137      |        |       | 167      |  |       | 197      |
|   | 18       |  |       | 48       |  |       | 78       |          |       | 108      |        |       | 138      |        |       | 168      |  |       | 198      |
|   | 19       |  |       | 49       |  |       | 79       |          |       | 109      |        |       | 139      |        |       | 169      |  |       | 199      |
| ļ   | 20       |  |       | 50       |  |       | 80       |          |       | 110      |        |       | 140      |        |       | 170      |  |       | 200      |
|   | 21       |  |       | 51       |  |       | 81       |          |       | 111      |        |       | 141      |        |       | 171      |  |       | 201      |
|   | 22       |  |       | 52       |  |       | 82       |          |       | 112      |        |       | 142      |        |       | 172      |  |       | 202      |
| <u></u>   | 23       |  |       | 53       |  |       | _83      |          |       | 113      |        |       | 143      |        |       | 173      |  |       | 203      |
| <u> </u>  | 24       |  |       | _54      |  |       | 84       |          |       | 114      |        |       | 144      |        |       | 174      |  |       | 204      |
| <u> </u>  | 25       |  |       | 55       |  |       | 85       |          |       | 115      |        |       | 145      |        |       | 175      |  |       | 205      |
|   | 26       |  |       | 56       |  |       | 86       |          |       | 116      |        | ļ     | 146      |        |       | 176      |  |       | 206      |
|   | 27       |  |       | 57       |  |       | _87      |          |       | 117      |        |       | 147      |        |       | 177      |  |       | 207      |
| <u> </u>  | 28       |  |       | 58       |  | 1     | 88       |          |       | 118      |        |       | 148      |        |       | 178      |  |       | 208      |
|   | 29       |  |       | 59       |  | 2     | 89       |          |       | 119      |        |       | 149      |        |       | 179      |  |       | 209      |
| L   | 30       |  |       | 60       |  | 3     | _90      |          |       | 120      |        |       | 150      |        |       | 180      |  |       | 210      |